SDPS RbR to L4 traceability (1 of 39)

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
SDPS-0200#B	In support of reducing production data dependency flow bandwidth consumption during inter-DAAC network transmission, the ECS shall support subsetting through the use of geographical masking (land/sea mask, snow/ice mask) for standard production as well as reprocessing.				
SDPS-0210#B	In support of reducing production data dependency flow bandwidth consumption during inter-DAAC network transmission, the ECS shall support the application of lossless compression and decompression techniques on data set files for removal of data set fill pixels, for standard production as well as reprocessing.				
SDPS-0220#B	In support of reducing production data dependency flow bandwidth consumption during inter-DAAC network transmission, the ECS shall support subsetting through swath width reduction by selection of a range of pixels from each swath row, for standard production as well as reprocessing.				
SDPS-0230#B	In support of reducing production data dependency flow bandwidth consumption during inter-DAAC network transmission, the ECS shall support subsetting by spectral band(s) selection, for standard production as well as reprocessing.				
SDPS0010#A	The SDPS shall provide CSMS with operational, data processing, and data quality.	A: No accounting	C-MSS-18070	A	The MSS Management Data Access Service shall provide the capability to selectively access management data.
			C-MSS-18260	A	The MSS Management Data Access Service shall have the capability to schedule the transfer and loading log files into the management database at the site.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			C-MSS-18280	A	The MSS Management Data Access Service shall have the capability to schedule the transfer of management data at the sites to the SMC.
			C-MSS-18340	A	The MSS Management Data Access Service shall provide the capability for an application to selectively read a record from a log file
			C-MSS-18350	A	The MSS Management Data Access Service shall provide the capability for an application to load log files into the management database at the site
			C-MSS-36090	A	The MSS Management Agent Service shall provide an extensible ECS management agent for ECS applications
			C-MSS-18060	A	The Management Data Access Service shall provide the capability for an application to access management data.
			C-MSS-14010	IR1	The MSS Maps/Collection Service shall retain the status of managed objects and their relationship to symbols that comprise a graphical representation of the physical network topology.
			C-MSS-20010	IR1	The MSS Discovery Service shall discover (via network protocol) new instances of managed objects.
			C-MSS-20030	IR1	The MSS Discovery Service shall report missing occurrences of managed objects.
			C-MSS-36060	IR1	The MSS Management Agent Service shall provide an ECS management agent that is configurable to include: a. Community to respond to and set attributes b. Agent location & contact person c. Traps to send d. Events to log & log file name
			C-MSS-14030	IR1	The MSS Map/Collection Service shall provide a capability to define a hierarchical relationship between maps and sub-maps (i.e., a graphical hierarchical tree)
			C-MSS-14040	IR1	The MSS Map/Collection Service shall propagate events associated with objects up the hierarchical tree
			C-MSS-20020	IR1	The MSS Discovery Service shall detect missing occurrences of managed objects.
			C-MSS-20040	IR1	The MSS Discovery Service shall update the object database after the Discovery Service receives a request to register/unregister a managed object.
			S-INS-60190	IR1	The ICLHW CI shall have a status monitoring capability.
			S-PLS-01430	A	The PLANG CI shall send to MSS product scheduling, processing status and data quality information.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-PLS-01440	A	The PLANG CI shall collect Fault Management Data and provide it to the MSS.
			S-DPS-20120	A	The PRONG CI shall inform the MSS using a MSS provided Fault Management API when a fault attributed to a MSS managed resource has occurred.
			S-DPS-20130	A	The PRONG CI shall provide Fault Management data to the MSS using a MSS provided Fault Management API.
			S-DPS-20140	A	The PRONG CI shall provide Performance Management data to the MSS using a MSS provided Performance Management API.
			S-DPS-60120	IR1	The SPRHW CI shall have a status monitoring capability.
			S-DPS-70070	IR1	The AITHW CI shall have a status monitoring capability.
			C-MSS-18050	A	The MSS Management Data Access Service's shall utilize CSS Services to access/transfer management data.
			C-MSS-14020	IR1	The MSS Map/Collection Service shall provide a capability to define maps and objects.
SDPS0010#B	The SDPS shall provide CSMS with operational, data processing, data quality and accounting status.		C-MSS-18070	A	The MSS Management Data Access Service shall provide the capability to selectively access management data.
			C-MSS-18260	A	The MSS Management Data Access Service shall have the capability to schedule the transfer and loading log files into the management database at the site.
			C-MSS-18280	A	The MSS Management Data Access Service shall have the capability to schedule the transfer of management data at the sites to the SMC.
			C-MSS-18340	A	The MSS Management Data Access Service shall provide the capability for an application to selectively read a record from a log file
			C-MSS-18350	A	The MSS Management Data Access Service shall provide the capability for an application to load log files into the management database at the site
			C-MSS-36090	A	The MSS Management Agent Service shall provide an extensible ECS management agent for ECS applications
			C-MSS-18060	A	The Management Data Access Service shall provide the capability for an application to access management data.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			C-MSS-14010	IR1	The MSS Maps/Collection Service shall retain the status of managed objects and their relationship to symbols that comprise a graphical representation of the physical network topology.
			C-MSS-20010	IR1	The MSS Discovery Service shall discover (via network protocol) new instances of managed objects.
			C-MSS-20030	IR1	The MSS Discovery Service shall report missing occurrences of managed objects.
			C-MSS-36060	IR1	The MSS Management Agent Service shall provide an ECS management agent that is configurable to include: a. Community to respond to and set attributes b. Agent location & contact person c. Traps to send d. Events to log & log file name
			C-MSS-14030	IR1	The MSS Map/Collection Service shall provide a capability to define a hierarchical relationship between maps and sub-maps (i.e., a graphical hierarchical tree)
			C-MSS-14040	IR1	The MSS Map/Collection Service shall propagate events associated with objects up the hierarchical tree
			C-MSS-20020	IR1	The MSS Discovery Service shall detect missing occurrences of managed objects.
			C-MSS-20040	IR1	The MSS Discovery Service shall update the object database after the Discovery Service receives a request to register/unregister a managed object.
			S-INS-60190	IR1	The ICLHW CI shall have a status monitoring capability.
			S-PLS-01430	A	The PLANG CI shall send to MSS product scheduling, processing status and data quality information.
			S-PLS-01440	A	The PLANG CI shall collect Fault Management Data and provide it to the MSS.
			S-DPS-20120	A	The PRONG CI shall inform the MSS using a MSS provided Fault Management API when a fault attributed to a MSS managed resource has occurred.
			S-DPS-20130	A	The PRONG CI shall provide Fault Management data to the MSS using a MSS provided Fault Management API.
			S-DPS-20140	A	The PRONG CI shall provide Performance Management data to the MSS using a MSS provided Performance Management API.
			S-DPS-20160	A	The PRONG CI shall provide Accountability Management data to the MSS using a MSS provided Accountability Management API.
			S-DPS-60120	IR1	The SPRHW CI shall have a status monitoring capability.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DPS-70070	IR1	The AITHW CI shall have a status monitoring capability.
			C-MSS-18360	B	The MSS Management Data Access Service shall provide the capability for the M&O staff to load log files into the management database at the site.
			S-DPS-20150	B	The PRONG CI shall provide Accounting Management data to the MSS using a MSS provided Accounting Management API.
			S-PLS-01460	B	The PLANG CI shall collect Accounting Management Data and provide it to the MSS.
			C-MSS-18050	A	The MSS Management Data Access Service's shall utilize CSS Services to access/transfer management data.
			C-MSS-14020	IR1	The MSS Map/Collection Service shall provide a capability to define maps and objects.
SDPS0010#Ir1	The SDPS shall provide CSMS with operational, and data processing, data quality status.	IR1: IR1 shall monitor the status of the ingest and AI&T hardware.	S-INS-60190	IR1	The ICLHW CI shall have a status monitoring capability.
			S-DPS-60120	IR1	The SPRHW CI shall have a status monitoring capability.
			S-DPS-70070	IR1	The AITHW CI shall have a status monitoring capability.
SDPS0015#B	The SDPS shall receive directives on priorities and policy, including schedule conflict resolutions, from the SMC.		S-CLS-11200	B	The WKBCH CI shall provide users a Conflict Adjudication Response from the SMC after submitting a Conflict Adjudication Request.
			S-DMS-10390	B	The DIMGR CI shall provide the capability to receive maintenance directives from the SMC.
			S-DMS-10400	B	The DIMGR CI shall provide the capability to receive, directives for integration, testing, and simulation from the SMC.
			S-DMS-10410	B	The DIMGR CI shall provide the capability to receive, configuration management directives from the SMC.
			S-DMS-10420	B	The DIMGR CI shall provide the capability to receive logistics management directives from the SMC.
			S-DMS-10430	B	The DIMGR CI shall provide the capability to receive fault management directives from the SMC.
			S-DMS-10440	B	The DIMGR CI shall provide the capability to receive security directives from the SMC.
			S-DMS-10450	B	The DIMGR CI shall provide the capability to receive training management directives from the SMC.
			S-DMS-20735	B	The DDICT CI shall provide the capability to receive maintenance directives from the SMC.

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DMS-20740	B	The DDICT CI shall provide the capability to receive directives for integration, testing, and simulation from the SMC.
			S-DMS-20750	B	The DDICT CI shall provide the capability to receive configuration management directives from the SMC.
			S-DMS-20760	B	The DDICT CI shall provide the capability to receive logistics management directives from the SMC.
			S-DMS-20770	B	The DDICT CI shall provide the capability to receive fault management directives from the SMC.
			S-DMS-20780	B	The DDICT CI shall provide the capability to receive security directives from the SMC.
			S-DMS-20790	B	The DDICT CI shall provide the capability to receive training management directives from the SMC.
			S-DSS-00990	B	The SDSRV CI operations staff shall have the capability to receive from the SMC, directives for integration, testing, and simulation.
			S-DSS-01000	B	The SDSRV CI operations staff shall have the capability to receive from the SMC, configuration management directives.
			S-DSS-01010	B	The SDSRV CI operations staff shall have the capability to receive from the SMC, logistics management directives.
			S-DSS-01020	B	The SDSRV CI operations staff shall have the capability to receive from the SMC fault management directives.
			S-DSS-01030	B	The SDSRV CI operations staff shall have the capability to receive from the SMC security directives.
			S-DSS-01050	B	The SDSRV CI operations staff shall have the capability to receive training management directives from the SMC.
			S-DMS-00610	B	The LIMGR CI operations staff shall have the capability to receive maintenance directives from the SMC.
			S-DMS-00620	B	The LIMGR CI operations staff shall have the capability to receive directives for integration, testing, and simulation from the SMC.
			S-DMS-00630	B	The LIMGR CI operations staff shall have the capability to receive configuration management directives from the SMC.
			S-DMS-00640	B	The LIMGR CI operations staff shall have the capability to receive logistics management directives from the SMC.

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DMS-00650	B	The LIMGR CI operations staff shall have the capability to receive fault management directives from the SMC.
			S-DMS-00660	B	The LIMGR CI operations staff shall have the capability to receive security directives from the SMC.
			S-DMS-00670	B	The LIMGR CI operations staff shall have the capability to receive training management directives from the SMC.
			S-DSS-00980	B	The SDSRV CI operations staff shall have the capability to receive from the SMC, management directives.
SDPS0016#B	The SDPS shall coordinate and resolve schedule conflicts between IMS, DADS and PGS.				
SDPS0020#A	The SDPS shall receive EOS science, engineering, ancillary, and expedited data from the EDOS, and SDPF, and non-EOS ancillary data (as listed in Appendix C) from ADCs.	A: Operational support for TRMM to receive: - TRMM ancillary data from NOAA - ancillary data - in situ data - algorithms from TSDIS - science engineering data, and expedited data from SPDF Support interface testing of AM-1: - ancillary data, engineering data, Science, and expedited data ASTER data APPLIES ONLY TO MSFC DAAC AND LARC DAAC. ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS	S-INS-00010	IR1	The INGST CI shall accept Network Ingest Requests to request automated electronic network ingest of a collection of Data. The collection of Data shall describe one or more Data Granules.
			S-INS-00020	IR1	The INGST CI shall check the Network Ingest Request to verify that the date/time prior to which the data will remain available is a valid date/time.
			S-INS-00070	A	The INGST CI shall provide the capability to periodically check a location accessible to the ESN for the presence of a Delivery Record file describing data to be ingested. The Delivery Record file shall contain the same information as a Network Ingest Request.
			S-INS-00080	A	The INGST CI shall read a Delivery Record file describing data to be ingested at a location accessible to the ESN and submit a corresponding Network Ingest Request to be processed.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-INS-00520	IR1	The INGST CI shall ingest data, provided by the SDPF, from the ESN into the LaRC DAAC, using a file transfer protocol.
			S-INS-00540	IR1	The INGST CI shall ingest data, provided by the SDPF, from the ESN into the MSFC DAAC using a file transfer protocol.
			S-INS-00560	IR1	The INGST CI shall ingest Data, provided by the TSDIS, from the ESN into the GSFC DAAC using a file transfer protocol.
			S-INS-00570	IR1	The INGST CI shall ingest Data, provided by the TSDIS, from the ESN into the MSFC DAAC using a file transfer protocol.
			S-INS-00590	A	The INGST CI shall ingest Data, provided by the EDOS, from the ESN into the LaRC DAAC using a file transfer protocol.
			S-INS-00620	IR1	The INGST CI shall ingest data, provided by the DAO, from the ESN into the LaRC DAAC using a file transfer protocol.
			S-INS-00630	IR1	The INGST CI shall ingest data, provided by NESDIS, from the ESN into the LaRC DAAC using a file transfer protocol.
			S-INS-00640	IR1	The INGST CI shall ingest data, provided by the DAO, from the ESN into the GSFC DAAC using a file transfer protocol.
			S-INS-00670	A	The INGST CI shall ingest Data, provided by an SCF, from the ESN into the MSFC DAAC using a file transfer protocol.
			S-INS-00680	A	The INGST CI shall ingest Data, provided by an SCF, from the ESN into the LaRC DAAC using a file transfer protocol.
			S-INS-00720	A	The INGST CI shall ingest data, provided by the EOC, from the ESN using a file transfer protocol.
			S-INS-00780	A	The INGST CI shall ingest data, provided by the Landsat 7 Processing Facility (LPS), from the ESN into the EDC DAAC using a file transfer protocol.
			S-INS-00800	A	The INGST CI shall ingest Data, provided by Version 0, from the LaRC DAAC using a file transfer protocol.
			S-INS-60430	IR1	The ICLHW CI platforms shall have provision for interfacing with one or more Local Area Networks (LANs).

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DPS-70310	IR1	The AITHW CI platforms shall have provision for interfacing with one or more Local Area Networks (LANs).
			S-DPS-70710	IR1	The electrical power requirements for AITHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DPS-60610	IR1	The SPRHW CI platforms shall have provision for interfacing with one or more Local Area Networks (LANs).
			S-INS-00060	IR1	The INGST CI shall report status to the provider of a Network Ingest Request for the following: a. File transfer failure b. File size discrepancies c. Invalid Data Type Identifier d. Missing required metadata e. Metadata parameters out of range f. Data conversion failure g. Failure to archive data h. Inability to transfer data within the specified time window i. Missing required request information j. Successful archive of the data
			S-INS-00810	A	The INGST CI shall ingest Data, provided by Version 0, from the GSFC DAAC on 8mm tape.
			S-INS-00830	A	The INGST CI shall ingest Data, provided by Version 0, from the MSFC DAAC on 8mm tape.
SDPS0020#B	The SDPS shall receive EOS science, engineering, ancillary and expedited data from the EDOS, the SDPF, and the IPs, and non-EOS data, in situ data, associated algorithms, documentation, correlative data, and ancillary data (as listed in Appendix C) from ADCs, EPDSs, and ODCs.	B: Exchange of inf. w/ IPs; ASTER GDS interfaces to EDC DAAC only. ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS, LARC and MSFC applies to interface with SDPF	S-INS-00010	IR1	The INGST CI shall accept Network Ingest Requests to request automated electronic network ingest of a collection of Data. The collection of Data shall describe one or more Data Granules.
			S-INS-00020	IR1	The INGST CI shall check the Network Ingest Request to verify that the date/time prior to which the data will remain available is a valid date/time.
			S-INS-00070	A	The INGST CI shall provide the capability to periodically check a location accessible to the ESN for the presence of a Delivery Record file describing data to be ingested. The Delivery Record file shall contain the same information as a Network Ingest Request.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-INS-00080	A	The INGST CI shall read a Delivery Record file describing data to be ingested at a location accessible to the ESN and submit a corresponding Network Ingest Request to be processed.
			S-INS-00520	IR1	The INGST CI shall ingest data, provided by the SDPF, from the ESN into the LaRC DAAC, using a file transfer protocol.
			S-INS-00540	IR1	The INGST CI shall ingest data, provided by the SDPF, from the ESN into the MSFC DAAC using a file transfer protocol.
			S-INS-00560	IR1	The INGST CI shall ingest Data, provided by the TSDIS, from the ESN into the GSFC DAAC using a file transfer protocol.
			S-INS-00570	IR1	The INGST CI shall ingest Data, provided by the TSDIS, from the ESN into the MSFC DAAC using a file transfer protocol.
			S-INS-00590	A	The INGST CI shall ingest Data, provided by the EDOS, from the ESN into the LaRC DAAC using a file transfer protocol.
			S-INS-00620	IR1	The INGST CI shall ingest data, provided by the DAO, from the ESN into the LaRC DAAC using a file transfer protocol.
			S-INS-00630	IR1	The INGST CI shall ingest data, provided by NESDIS, from the ESN into the LaRC DAAC using a file transfer protocol.
			S-INS-00640	IR1	The INGST CI shall ingest data, provided by the DAO, from the ESN into the GSFC DAAC using a file transfer protocol.
			S-INS-00670	A	The INGST CI shall ingest Data, provided by an SCF, from the ESN into the MSFC DAAC using a file transfer protocol.
			S-INS-00680	A	The INGST CI shall ingest Data, provided by an SCF, from the ESN into the LaRC DAAC using a file transfer protocol.
			S-INS-00720	A	The INGST CI shall ingest data, provided by the EOC, from the ESN using a file transfer protocol.
			S-INS-00780	A	The INGST CI shall ingest data, provided by the Landsat 7 Processing Facility (LPS), from the ESN into the EDC DAAC using a file transfer protocol.
			S-INS-00800	A	The INGST CI shall ingest Data, provided by Version 0, from the LaRC DAAC using a file transfer protocol.

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-INS-60430	IR1	The ICLHW CI platforms shall have provision for interfacing with one or more Local Area Networks (LANs).
			S-DPS-70310	IR1	The AITHW CI platforms shall have provision for interfacing with one or more Local Area Networks (LANs).
			S-DPS-70710	IR1	The electrical power requirements for AITHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DPS-60610	IR1	The SPRHW CI platforms shall have provision for interfacing with one or more Local Area Networks (LANs).
			S-INS-00060	IR1	The INGST CI shall report status to the provider of a Network Ingest Request for the following: a. File transfer failure b. File size discrepancies c. Invalid Data Type Identifier d. Missing required metadata e. Metadata parameters out of range f. Data conversion failure g. Failure to archive data h. Inability to transfer data within the specified time window i. Missing required request information j. Successful archive of the data
			S-DPS-30900	B	The PRONG CI shall provide to the SDP Toolkit EDOS-generated L0 PDS as header and quality parameters all contained in the same physical file as the L0 telemetry packets.
			S-DPS-30910	B	The PRONG CI shall provide to the SDP Toolkit EDOS-generated L0 PDS containing header information as specified in the EDOS-ECS ICD.
			S-DPS-30920	B	The PRONG CI shall provide to the SDP Toolkit EDOS-generated L0 PDS containing quality information as specified in the EDOS-ECS ICD.
			S-INS-00650	B	The INGST CI shall ingest data, provided by the DAO, from the ESN into the EDC DAAC using a file transfer protocol.
			S-INS-00730	B	The INGST CI shall ingest data, provided by the FDF, from the ESN into the GSFC DAAC using a file transfer protocol.
			S-INS-00790	B	The INGST CI shall ingest data, received on physical media from the ASTER GDS, into the EDC DAAC.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-INS-00810	A	The INGST CI shall ingest Data, provided by Version 0, from the GSFC DAAC on 8mm tape.
			S-INS-00830	A	The INGST CI shall ingest Data, provided by Version 0, from the MSFC DAAC on 8mm tape.
			S-INS-00840	B	The INGST CI shall ingest data provided by ADEOS II/SeaWinds into the JPL DAAC.
SDPS0020#Ir1	The SDPS shall receive EOS science, and engineering data from the SDPF, and non-EOS ancillary data (as listed in Appendix C) from ADCs.	IR1: Applies only to ingest and temporary storage for testing purposes only; data from NOAA will be via ftp of science and engineering data from SDPF, and ancillary data from ADCs (NOAA). APPLIES ONLY TO MSFC DAAC AND LARC DAAC.	S-INS-00010	IR1	The INGST CI shall accept Network Ingest Requests to request automated electronic network ingest of a collection of Data. The collection of Data shall describe one or more Data Granules.
			S-INS-00020	IR1	The INGST CI shall check the Network Ingest Request to verify that the date/time prior to which the data will remain available is a valid date/time.
			S-INS-60430	IR1	The ICLHW CI platforms shall have provision for interfacing with one or more Local Area Networks (LANs).
			S-DPS-70310	IR1	The AITHW CI platforms shall have provision for interfacing with one or more Local Area Networks (LANs).
			S-DPS-70710	IR1	The electrical power requirements for AITHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DPS-60610	IR1	The SPRHW CI platforms shall have provision for interfacing with one or more Local Area Networks (LANs).

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-INS-00060	IR1	The INGST CI shall report status to the provider of a Network Ingest Request for the following: a. File transfer failure b. File size discrepancies c. Invalid Data Type Identifier d. Missing required metadata e. Metadata parameters out of range f. Data conversion failure g. Failure to archive data h. Inability to transfer data within the specified time window i. Missing required request information j. Successful archive of the data
SDPS0022#B	The SDPS shall utilize FOS plans and scheduling information to generate EDOS Level 0 data availability information and integrate it into SDPS data availability schedules.	Full AM-1 mission operational relevance			
SDPS0025#A	The SDPS shall accept scientific and non-scientific investigator supplied dataset specific data transformations.		S-DSS-03030	A	The SDSRV CI shall be capable of receiving Science Software Archive Packages.
SDPS0025#B	The SDPS shall accept scientific and non-scientific investigator supplied dataset specific data transformations.	B: FOR ASTER GDS INTERFACE	S-DSS-03030	A	The SDSRV CI shall be capable of receiving Science Software Archive Packages.
SDPS0026#B	The SDPS shall provide the capability for performing dataset specific data transformations.	B: Standard usage	S-PLS-00100	B	The PLANG CI shall accept Production Requests for On-Demand Data Products.
SDPS0030#A	The SDPS shall produce Standard Products (as listed in Appendix C, including prototype products on a time-available basis) for EOS instruments based on the algorithms source code and calibration coef§cients supplied by EOS scientists.	A: TRMM (CERES,LIS)	S-PLS-00010	A	The PLANG CI shall accept Production Requests for specific Data Products with associated time windows that are to be routinely generated.
SDPS0030#B	The SDPS shall produce Standard Products (as listed in Appendix C, including prototype products on a time-available basis) for EOS instruments based on the algorithms source code and calibration coef§cients supplied by EOS scientists.	B: AM-1	S-PLS-00010	A	The PLANG CI shall accept Production Requests for specific Data Products with associated time windows that are to be routinely generated.
SDPS0031#A	The SDPS shall generate browse data and metadata for routing to the requesting users.		S-DPS-20400	A	The PRONG CI shall accept a Data Processing Request (DPR) that requests the execution of a PGE.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DPS-20860	A	The PRONG CI shall destage ECS Data Products to the SDSRV CI.
			S-DPS-21000	A	The PRONG CI shall initiate execution of a PGE when the following is true: a. When all input data required to execute the PGE is available on local Data Processing subsystem storage resources. b. When the computer hardware resources are available to support execution of a PGE based on the computer hardware resource information associated with the Data Processing Request. c. When the Priority Information associated with the Data Processing Request has been fulfilled. d. When the maximum disk space requirements defined for the PGE are available to support the successful execution of the PGE e. When the maximum memory resources defined for the PGE are available to support the successful execution of the PGE f. When the CPU resources defined for the PGE are available to support the successful execution of the PGE
			S-DPS-60010	A	The SPRHW CI shall support the capability to manage, queue, and execute processes on the processing resources at each DAAC site.
			S-DPS-60240	A	The SPRHW CI shall support a total processing requirement as derived from Table E-1 of Appendix E of the current version of 304-CD-002 for Release A and Appendix E of the current version of 304-CD-005 for Release B.
			S-DSS-02900	A	The SDSRV CI shall provide Data Type services on ECS Data as listed in Appendix F of the current version of 304-CD-005.
SDPS0031#B	The SDPS shall generate browse data and metadata for routing to the requesting users.		S-DSS-02900	A	The SDSRV CI shall provide Data Type services on ECS Data as listed in Appendix F of the current version of 304-CD-005.
SDPS0032#A	The SDPS shall provide the PIs and the other science users with the updated metadata for the assessment of data product quality.		S-DSS-04240	A	The SDSRV CI shall supply QA Statistics to the DDIST CI.
			S-DSS-04250	A	The SDSRV CI shall supply Metadata associated with QA Statistics to the DDIST CI.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
SDPS0032#B	The SDPS shall provide the PIs and the other science users with the updated metadata for the assessment of data product quality.		S-DSS-00165	A	The SDSRV CI shall update the Inventory with the updated Metadata that was received.
			S-DSS-04240	A	The SDSRV CI shall supply QA Statistics to the DDIST CI.
			S-DSS-04250	A	The SDSRV CI shall supply Metadata associated with QA Statistics to the DDIST CI.
SDPS0035#B	The SDPS shall produce derived ancillary products as Standard Products for EOS investigators based on algorithms and coefficients for conversion, calibration, and transformation of selected engineering/housekeeping data parameters.	B: AM-1 only	S-DPS-20600	A	The PRONG CI shall be able to determine what data required for PGE execution needs to be staged.
			S-DPS-20660	A	The PRONG CI shall be able to determine that a PGE requires staging.
SDPS0050#A	The SDPS shall archive, manage, quality check, and account for the generated data products, and distribute the data products to the appropriate destinations as required.		S-DSS-01510	A	The SDSRV CI shall provide the capability to notify users when data has been archived and is available for access.
			S-DSS-20010	A	The STMGT CI shall validate all Service Requests.
			S-DSS-20030	A	The STMGT CI shall check each Insert Request it receives for the correct type of data in all fields. Fields that shall be checked include Request Identifier, date of request, Priority Information, data type and original identifier.
			S-DSS-20050	A	The STMGT CI shall check each Retrieve Request it receives for correct type of data in all fields. Fields that shall be checked include Request Identifier, date of request, date and time for requested data, Priority Information, and data type.
			S-DSS-20070	A	The STMGT CI shall check each Archive Status Request it receives for the correct type of data in all fields. Fields that shall be checked include Current Request Identifier and Request Identifier of previous Insert or Retrieve Requests to be statused.
			S-DSS-20080	A	The STMGT CI shall maintain an Archive Activity Log of all Service Requests received. The log of Service Requests shall be in chronological order and shall include a Request Identifier, the operation requested, completion status of request and a date/time stamp.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DSS-20090	A	The STMGT CI shall maintain an Inventory Update Log. The following information shall be recorded: time and date of update, unique data identifier, archive media name, source of data, storage device name and requester.
			S-DSS-20670	A	For each data item archived, the STMGT CI shall record the event in the Inventory Update Log.
			S-DSS-20690	A	The STMGT CI shall provide the capability to display/view/print the Inventory Update Log.
			S-DSS-20700	A	The STMGT CI shall provide the capability to select/extract Inventory Update Log records for time periods selected by operations staff.
			S-DSS-30710	A	The DDIST CI shall provide the capability to distribute any Data , or appropriate subset, listed in the Inventory. Note: The appropriate subset of a data item is determined by and depends on the subject data type.
SDPS0050#B	The SDPS shall archive, manage, quality check, and account for the generated data products, and distribute the data products to the appropriate destinations as required.		S-DSS-01510	A	The SDSRV CI shall provide the capability to notify users when data has been archived and is available for access.
			S-DSS-20010	A	The STMGT CI shall validate all Service Requests.
			S-DSS-20030	A	The STMGT CI shall check each Insert Request it receives for the correct type of data in all fields. Fields that shall be checked include Request Identifier, date of request, Priority Information, data type and original identifier.
			S-DSS-20050	A	The STMGT CI shall check each Retrieve Request it receives for correct type of data in all fields. Fields that shall be checked include Request Identifier, date of request, date and time for requested data, Priority Information, and data type.
			S-DSS-20070	A	The STMGT CI shall check each Archive Status Request it receives for the correct type of data in all fields. Fields that shall be checked include Current Request Identifier and Request Identifier of previous Insert or Retrieve Requests to be statused.
			S-DSS-20080	A	The STMGT CI shall maintain an Archive Activity Log of all Service Requests received. The log of Service Requests shall be in chronological order and shall include a Request Identifier, the operation requested, completion status of request and a date/time stamp.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DSS-20090	A	The STMGT CI shall maintain an Inventory Update Log. The following information shall be recorded: time and date of update, unique data identifier, archive media name, source of data, storage device name and requester.
			S-DSS-20670	A	For each data item archived, the STMGT CI shall record the event in the Inventory Update Log.
			S-DSS-20690	A	The STMGT CI shall provide the capability to display/view/print the Inventory Update Log.
			S-DSS-20700	A	The STMGT CI shall provide the capability to select/extract Inventory Update Log records for time periods selected by operations staff.
			S-DSS-30710	A	The DDIST CI shall provide the capability to distribute any Data , or appropriate subset, listed in the Inventory. Note: The appropriate subset of a data item is determined by and depends on the subject data type.
SDPS0080#A	The SDPS shall archive, manage, and quality check and account for all science data received from the EPDSs and ancillary data received from the EPDSs, the SCFs, the ADCs, other DAACs, PIs and the other EOS science users.	A: 3 DAACs, CERES, LIS, TRMM	S-DSS-01510	A	The SDSRV CI shall provide the capability to notify users when data has been archived and is available for access.
			S-DSS-20010	A	The STMGT CI shall validate all Service Requests.
			S-DSS-20030	A	The STMGT CI shall check each Insert Request it receives for the correct type of data in all fields. Fields that shall be checked include Request Identifier, date of request, Priority Information, data type and original identifier.
			S-DSS-20050	A	The STMGT CI shall check each Retrieve Request it receives for correct type of data in all fields. Fields that shall be checked include Request Identifier, date of request, date and time for requested data, Priority Information, and data type.
			S-DSS-20070	A	The STMGT CI shall check each Archive Status Request it receives for the correct type of data in all fields. Fields that shall be checked include Current Request Identifier and Request Identifier of previous Insert or Retrieve Requests to be statused.
			S-DSS-20080	A	The STMGT CI shall maintain an Archive Activity Log of all Service Requests received. The log of Service Requests shall be in chronological order and shall include a Request Identifier, the operation requested, completion status of request and a date/time stamp.

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DSS-20090	A	The STMGT CI shall maintain an Inventory Update Log. The following information shall be recorded: time and date of update, unique data identifier, archive media name, source of data, storage device name and requester.
			S-DSS-20670	A	For each data item archived, the STMGT CI shall record the event in the Inventory Update Log.
			S-DSS-20690	A	The STMGT CI shall provide the capability to display/view/print the Inventory Update Log.
			S-DSS-20700	A	The STMGT CI shall provide the capability to select/extract Inventory Update Log records for time periods selected by operations staff.
SDPS0080#B	The SDPS shall archive, manage, quality check, and account for all science and ancillary data received from the IPs, the EPDSs, the SCFs, the ADCs, the ODCs, other DAACs, PIs and the other EOS science users.	B: ASTER GDS interfaces to EDC DAAC only.	S-DSS-01510	A	The SDSRV CI shall provide the capability to notify users when data has been archived and is available for access.
			S-DSS-20010	A	The STMGT CI shall validate all Service Requests.
			S-DSS-20030	A	The STMGT CI shall check each Insert Request it receives for the correct type of data in all fields. Fields that shall be checked include Request Identifier, date of request, Priority Information, data type and original identifier.
			S-DSS-20050	A	The STMGT CI shall check each Retrieve Request it receives for correct type of data in all fields. Fields that shall be checked include Request Identifier, date of request, date and time for requested data, Priority Information, and data type.
			S-DSS-20070	A	The STMGT CI shall check each Archive Status Request it receives for the correct type of data in all fields. Fields that shall be checked include Current Request Identifier and Request Identifier of previous Insert or Retrieve Requests to be statused.
			S-DSS-20080	A	The STMGT CI shall maintain an Archive Activity Log of all Service Requests received. The log of Service Requests shall be in chronological order and shall include a Request Identifier, the operation requested, completion status of request and a date/time stamp.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DSS-20090	A	The STMGT CI shall maintain an Inventory Update Log. The following information shall be recorded: time and date of update, unique data identifier, archive media name, source of data, storage device name and requester.
			S-DSS-20670	A	For each data item archived, the STMGT CI shall record the event in the Inventory Update Log.
			S-DSS-20690	A	The STMGT CI shall provide the capability to display/view/print the Inventory Update Log.
			S-DSS-20700	A	The STMGT CI shall provide the capability to select/extract Inventory Update Log records for time periods selected by operations staff.
			S-DSS-01520	B	The SDSRV CI shall provide the capability to notify a user that a new version of the data has been archived.
SDPS0080#Ir1	The SDPS shall quality check all science data received from the EPDSs and ancillary data received from the ADCs.	IR1: This requirement is supported as follows: IR1 shall verify that data received from TRMM and NESDIS during interface testing was transmitted completely and without transmission errors. IR1 does not archive this data.	S-INS-00060	IR1	The INGST CI shall report status to the provider of a Network Ingest Request for the following: a. File transfer failure b. File size discrepancies c. Invalid Data Type Identifier d. Missing required metadata e. Metadata parameters out of range f. Data conversion failure g. Failure to archive data h. Inability to transfer data within the specified time window i. Missing required request information j. Successful archive of the data
SDPS0085#A	The SDPS shall support data products transitioned from V0 at a level of service equal to or greater than the level of service provided for those same data products by V0. The level of service are defined in Appendix C of the ESDIS Project Level 2 Requirements, Volume 5 EOSDIS Version 0.	A: LaRC, MSFC, GSFC	S-DSS-03350	A	The SDSRV CI shall be capable of receiving V0 Migration Data in native format
			S-DSS-03360	A	The SDSRV CI shall be capable of receiving Metadata associated with V0 Migration Data in native format

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
SDPS0085#B	The SDPS shall support data products transitioned from V0 at a level of service equal to or greater than the level of service provided for those same data products by V0. The level of service are defined in Appendix C of the ESDIS Project Level 2 Requirements, Volume 5 EOSDIS Version 0.		S-DSS-03350	A	The SDSRV CI shall be capable of receiving V0 Migration Data in native format
			S-DSS-03360	A	The SDSRV CI shall be capable of receiving Metadata associated with V0 Migration Data in native format
SDPS0090#A	The SDPS shall interface with the PIs and the other science users to support the development and testing of data product algorithms and QA of produced data products.		S-DPS-40010	IR1	The AITTL CI shall have the capability to receive a Science Software Delivery from the SCF electronically via the network.
			S-DPS-42200	IR1	Whenever a Science Software Delivery is received by the AITTL CI directly from the SCF via the network, the operations staff shall notify the SCF that the delivery has been received successfully.
			S-DPS-42640	IR1	The operations staff shall have the capability to send the test results to the SCF for analysis.
			S-DPS-42710	IR1	The operations staff shall have the capability to send to and receive email messages from Science Software Developer staff and ECS staff.
			S-DPS-42720	IR1	The operations staff shall have the capability to engage in teleconferences with Science Software Developer staff and ECS staff.
SDPS0090#B	The SDPS shall interface with the PIs and the other science users to support the development and testing of data product algorithms and QA of produced dataproducts.		S-DPS-42200	IR1	Whenever a Science Software Delivery is received by the AITTL CI directly from the SCF via the network, the operations staff shall notify the SCF that the delivery has been received successfully.
			S-DPS-42710	IR1	The operations staff shall have the capability to send to and receive email messages from Science Software Developer staff and ECS staff.
			S-DPS-42720	IR1	The operations staff shall have the capability to engage in teleconferences with Science Software Developer staff and ECS staff.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
SDPS0090#Ir1	The SDPS shall interface with the PIs and the other science users to support the development and testing of data product algorithms and QA of produced data products.	IR1: Interface accomplished only through file transfer (e.g., FTP). Accepts QA data as part of its output. Interface clarification assumes e-mail provided by DAAC.	S-DPS-42200	IR1	Whenever a Science Software Delivery is received by the AITTL CI directly from the SCF via the network, the operations staff shall notify the SCF that the delivery has been received successfully.
			S-DPS-42710	IR1	The operations staff shall have the capability to send to and receive email messages from Science Software Developer staff and ECS staff.
			S-DPS-42720	IR1	The operations staff shall have the capability to engage in teleconferences with Science Software Developer staff and ECS staff.
SDPS0091#A	The SDPS shall receive a quality report that is generated and transmitted by the PIs or the other science users, and appended to the data products being archived by the SDPS.	A: QA CERES, LIS	S-DSS-10100	A	The DDSRV CI shall be capable of receiving references to results of science data quality assessments of EOS data
			S-DSS-10130	A	The DDSRV CI shall be capable of receiving other documents relevant to quality assessment of EOS data
SDPS0091#B	The SDPS shall receive a quality report that is generated and transmitted by the PIs or the other science users, and appended to the data products being archived by the SDPS.	B: AM-1	S-DSS-10100	A	The DDSRV CI shall be capable of receiving references to results of science data quality assessments of EOS data
			S-DSS-10130	A	The DDSRV CI shall be capable of receiving other documents relevant to quality assessment of EOS data
			S-CLS-11100	B	The WKBCH CI shall accept from the users user feedback information, on product data quality assessment and output it to the DAAC originating the data.
SDPS0095#A	The SDPS shall provide science user interfaces that are individually tailorable including settable preferences, user defined keywords, query save capabilities, and screen layout preferences.	A: User Profile information is used to tailor user setable preferences for ECS developed services. Services provided by the VO Client for Release A are used 'as is.'	S-CLS-12520	A	The WKBCH CI shall provide the capability for a user to modify their User Profile information.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
SDPS0095#B	The SDPS shall provide science user interfaces that are individually tailorable including settable preferences, user defined keywords, query save capabilities, and screen layout preferences.		S-CLS-12520	A	The WKBCH CI shall provide the capability for a user to modify their User Profile information.
			S-CLS-12560	A	The WKBCH CI shall provide the capability to save information selected in prior Metadata searches for use in subsequent Service Requests.
SDPS0100#A	The SDPS shall be responsible for delivery of EOS data and data products to the ADCs, and the other science users via EOSDIS networks and on a variety of physical media.		S-DSS-30440	A	The DDIST CI shall provide the capability to distribute on 8mm tape.
			S-DSS-30470	A	The DDIST CI shall provide the capability to distribute on CD ROM.
			S-DSS-30480	A	The DDIST CI shall provide the capability to distribute on 6250 tape.
			S-DSS-30520	A	The DDIST CI shall provide the capability to place Data in publicly available disks for users to "pull" the data, via ftp, at their discretion.
			S-DSS-30530	A	The DDIST CI shall provide the capability to limit access to Data in the user pull area to the science user and the operations staff.
			S-DSS-30600	A	The DDIST CI shall provide the capability to distribute Data electronically via ftp (push).
			S-DSS-30450	A	The DDIST CI shall provide the capability to distribute on 4mm tape.
SDPS0100#B	The SDPS shall be responsible for delivery of EOS data and data products to the ADCs, and the other science users via EOSDIS networks and on a variety of physical media.	B: IP's & ODC's	S-DSS-30440	A	The DDIST CI shall provide the capability to distribute on 8mm tape.
			S-DSS-30470	A	The DDIST CI shall provide the capability to distribute on CD ROM.
			S-DSS-30480	A	The DDIST CI shall provide the capability to distribute on 6250 tape.
			S-DSS-30520	A	The DDIST CI shall provide the capability to place Data in publicly available disks for users to "pull" the data, via ftp, at their discretion.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DSS-30530	A	The DDIST CI shall provide the capability to limit access to Data in the user pull area to the science user and the operations staff.
			S-DSS-30600	A	The DDIST CI shall provide the capability to distribute Data electronically via ftp (push).
			S-DSS-30460	B	The DDIST CI shall provide the capability to distribute on 3480/3490 tape.
			S-DSS-30450	A	The DDIST CI shall provide the capability to distribute on 4mm tape.
SDPS0110#A	The SDPS shall be responsible for coordination of the transfer of production and expedited science and engineering data from EDOS SDPF and the IPs.	A: SDPF operationally. EDOS & IP for interface testing; ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS. NOTE : At this time EDOS is still shown in the L3 here even though an approved ESDIS pending CCR 505-01-41-066 will remove the EDOS I/F for this requirement; at this time no L4s need to be removed until the CCR goes through the ECS CCB.	S-INS-00010	IR1	The INGST CI shall accept Network Ingest Requests to request automated electronic network ingest of a collection of Data. The collection of Data shall describe one or more Data Granules.
			S-INS-00020	IR1	The INGST CI shall check the Network Ingest Request to verify that the date/time prior to which the data will remain available is a valid date/time.
			S-INS-00520	IR1	The INGST CI shall ingest data, provided by the SDPF, from the ESN into the LaRC DAAC, using a file transfer protocol.
			S-INS-00540	IR1	The INGST CI shall ingest data, provided by the SDPF, from the ESN into the MSFC DAAC using a file transfer protocol.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-INS-00060	IR1	The INGST CI shall report status to the provider of a Network Ingest Request for the following: a. File transfer failure b. File size discrepancies c. Invalid Data Type Identifier d. Missing required metadata e. Metadata parameters out of range f. Data conversion failure g. Failure to archive data h. Inability to transfer data within the specified time window i. Missing required request information j. Successful archive of the data
SDPS0110#B	The SDPS shall be responsible for coordination of the transfer of production and expedited science and engineering data from EDOS SDPF and the IPs	B: IP for operational APPLIES ONLY TO MSFC DAAC AND LARC DAAC; ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS. NOTE: At this time EDOS is still shown in the L3 here even an approved ESDIS pending CCR 505-01-41-066 will remove the EDOS I/F for this requirement ; at this time no L4s need to be removed until the CCR goes through the ECS CCR.	S-INS-00010	IR1	The INGST CI shall accept Network Ingest Requests to request automated electronic network ingest of a collection of Data. The collection of Data shall describe one or more Data Granules.
			S-INS-00020	IR1	The INGST CI shall check the Network Ingest Request to verify that the date/time prior to which the data will remain available is a valid date/time.
			S-INS-00520	IR1	The INGST CI shall ingest data, provided by the SDPF, from the ESN into the LaRC DAAC, using a file transfer protocol.
			S-INS-00540	IR1	The INGST CI shall ingest data, provided by the SDPF, from the ESN into the MSFC DAAC using a file transfer protocol.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-INS-00060	IR1	The INGST CI shall report status to the provider of a Network Ingest Request for the following: a. File transfer failure b. File size discrepancies c. Invalid Data Type Identifier d. Missing required metadata e. Metadata parameters out of range f. Data conversion failure g. Failure to archive data h. Inability to transfer data within the specified time window i. Missing required request information j. Successful archive of the data
SDPS0110#Ir1	The SDPS shall be responsible for coordination of the transfer of production and expedited science and engineering data from SDPF.	IR1: This requirement is supported as follows: IR-1 shall be responsible for coordination of the transfer of data from the SDPF for the purpose of testing the SDPF interface to the Ingest subsystem.	S-INS-00010	IR1	The INGST CI shall accept Network Ingest Requests to request automated electronic network ingest of a collection of Data. The collection of Data shall describe one or more Data Granules.
			S-INS-00020	IR1	The INGST CI shall check the Network Ingest Request to verify that the date/time prior to which the data will remain available is a valid date/time.
			S-INS-00520	IR1	The INGST CI shall ingest data, provided by the SDPF, from the ESN into the LaRC DAAC, using a file transfer protocol.
			S-INS-00540	IR1	The INGST CI shall ingest data, provided by the SDPF, from the ESN into the MSFC DAAC using a file transfer protocol.
			S-INS-00060	IR1	The INGST CI shall report status to the provider of a Network Ingest Request for the following: a. File transfer failure b. File size discrepancies c. Invalid Data Type Identifier d. Missing required metadata e. Metadata parameters out of range f. Data conversion failure g. Failure to archive data h. Inability to transfer data within the specified time window i. Missing required request information j. Successful archive of the data

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
SDPS0120#A	The SDPS shall be capable of operating in a 24-hour a day, 7-day a week mode.	A: at 3 sites	S-IOS-60010	A	The electrical power requirements for ADSHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-IOS-60020	A	The air conditioning requirements for the ADSHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-IOS-60030	A	The grounding requirements for ADSHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-IOS-60040	A	The fire alarm requirements for ADSHW CI equipment shall be in accordance with)ECS Facilities Plan (DID 302/DV2).
			S-IOS-60050	A	The acoustical requirements for ADSHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-IOS-60060	A	The physical interface requirements between ADSHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-IOS-60070	A	The footprint size and the physical layout of ADSHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DMS-60010	A	The electrical power requirements for DMGHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DMS-60020	A	The air conditioning requirements for the DMGHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DMS-60030	A	The grounding requirements for DMGHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DMS-60040	A	The fire alarm requirements for DMGHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DMS-60050	A	The acoustical requirements for DMGHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DMS-60060	A	The physical interface requirements between DMGHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DMS-60070	A	The footprint size and the physical layout of DMGHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DSS-60010	A	The electrical power requirements for ACMHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-60020	A	The air conditioning requirements for the ACMHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-60030	A	The grounding requirements for ACMHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-60040	A	The fire alarm requirements for ACMHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-60050	A	The acoustical requirements for ACMHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-60060	A	The physical interface requirements between ACMHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-60070	A	The footprint size and the physical layout of ACMHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-70010	A	The electrical power requirements for WKSHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-70020	A	The air conditioning requirements for the WKSHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-70030	A	The grounding requirements for WKSHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-70040	A	The fire alarm requirements for WKSHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-70050	A	The acoustical requirements for WKSHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-70060	A	The physical interface requirements between WKSHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-70070	A	The footprint size and the physical layout of WKSHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DSS-80010	A	The electrical power requirements for DRPHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-80020	A	The air conditioning requirements for the DRPHW CI equipment shall be in accordance withthe ECS Facilities Plan (DID 302/DV2).
			S-DSS-80030	A	The grounding requirements for DRPHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-80040	A	The fire alarm requirements for DRPHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-80050	A	The acoustical requirements for DRPHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-80060	A	The physical interface requirements between DRPHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-80070	A	The footprint size and the physical layout of DRPHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-90010	A	The electrical power requirements for DIPHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-90020	A	The air conditioning requirements for the DIPHW CI equipment shall be in accordance withthe ECS Facilities Plan (DID 302/DV2).
			S-DSS-90030	A	The grounding requirements for DIPHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-90040	A	The fire alarm requirements for DIPHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-90050	A	The acoustical requirements for DIPHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-90060	A	The physical interface requirements between DIPHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-90070	A	The footprint size and the physical layout of DIPHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-INS-60160	A	Startup and initialization of the ICLHW CI shall be completed within 30 minutes (TBR).
			S-INS-60170	A	Shutdown of the ICLHW CI shall be completed within 30 minutes (TBR).
			S-INS-60570	A	The acoustical requirements for ICLHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DPS-60090	A	The SPRHW CI shall support startup and initialization to be completed within 30 minutes (TBR)
			S-DPS-60100	A	The SPRHW CI shall support shutdown to be completed within 30 minutes (TBR).
			S-DPS-60110	A	The SPRHW CI shall have a fault detection/fault isolation capability of major HWCI component failures without interfering with operations.
			S-DPS-60770	A	The acoustical requirements for SPRHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DPS-70770	A	The acoustical requirements for AITHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DPS-60060	A	The SPRHW CI product generation computer(s) shall have a Fail-Soft capability.
			S-DPS-60480	A	The SPRHW CI shall have provision for the AIT science processor to be a backup to the production science processor in the event of a failure.
			S-INS-60310	A	The ICLHW CI shall be capable of operating in a 24 hour per day, 7 days a week mode.
			S-PLS-60410	A	The PLNHW CI shall be capable of operating in a 24 hour per day, 7 days a week mode.
SDPS0120#B	The SDPS shall be capable of operating in a 24-hour a day, 7-day a week mode.		S-IOS-60010	A	The electrical power requirements for ADSHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-IOS-60020	A	The air conditioning requirements for the ADSHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-IOS-60030	A	The grounding requirements for ADSHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-IOS-60040	A	The fire alarm requirements for ADSHW CI equipment shall be in accordance with)ECS Facilities Plan (DID 302/DV2).

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-IOS-60050	A	The acoustical requirements for ADSHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-IOS-60060	A	The physical interface requirements between ADSHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-IOS-60070	A	The footprint size and the physical layout of ADSHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DMS-60010	A	The electrical power requirements for DMGHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DMS-60020	A	The air conditioning requirements for the DMGHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DMS-60030	A	The grounding requirements for DMGHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DMS-60040	A	The fire alarm requirements for DMGHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DMS-60050	A	The acoustical requirements for DMGHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DMS-60060	A	The physical interface requirements between DMGHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DMS-60070	A	The footprint size and the physical layout of DMGHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-60010	A	The electrical power requirements for ACMHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-60020	A	The air conditioning requirements for the ACMHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-60030	A	The grounding requirements for ACMHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-60040	A	The fire alarm requirements for ACMHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DSS-60050	A	The acoustical requirements for ACMHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-60060	A	The physical interface requirements between ACMHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-60070	A	The footprint size and the physical layout of ACMHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-70010	A	The electrical power requirements for WKSHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-70020	A	The air conditioning requirements for the WKSHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-70030	A	The grounding requirements for WKSHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-70040	A	The fire alarm requirements for WKSHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-70050	A	The acoustical requirements for WKSHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-70060	A	The physical interface requirements between WKSHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-70070	A	The footprint size and the physical layout of WKSHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-80010	A	The electrical power requirements for DRPHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-80020	A	The air conditioning requirements for the DRPHW CI equipment shall be in accordance withthe ECS Facilities Plan (DID 302/DV2).
			S-DSS-80030	A	The grounding requirements for DRPHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-80040	A	The fire alarm requirements for DRPHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DSS-80050	A	The acoustical requirements for DRPHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-80060	A	The physical interface requirements between DRPHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-80070	A	The footprint size and the physical layout of DRPHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-90010	A	The electrical power requirements for DIPHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DSS-90020	A	The air conditioning requirements for the DIPHW CI equipment shall be in accordance withthe ECS Facilities Plan (DID 302/DV2).
			S-DSS-90030	A	The grounding requirements for DIPHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-90040	A	The fire alarm requirements for DIPHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-90050	A	The acoustical requirements for DIPHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-90060	A	The physical interface requirements between DIPHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DSS-90070	A	The footprint size and the physical layout of DIPHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-INS-60160	A	Startup and initialization of the ICLHW CI shall be completed within 30 minutes (TBR).
			S-INS-60170	A	Shutdown of the ICLHW CI shall be completed within 30 minutes (TBR).
			S-INS-60510	IR1	The electrical power requirements for ICLHW CI equipment shall be in accordance with and the ECS Facilities Plan (DID 302/DV2).
			S-INS-60540	IR1	The air conditioning requirements for ICLHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-INS-60550	IR1	The grounding requirements for ICLHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-INS-60560	IR1	The fire alarm requirements for ICLHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-INS-60570	A	The acoustical requirements for ICLHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-INS-60580	IR1	The physical interface requirements between ICLHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-INS-60590	IR1	The footprint size and the physical layout of ICLHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DPS-60090	A	The SPRHW CI shall support startup and initialization to be completed within 30 minutes (TBR)
			S-DPS-60100	A	The SPRHW CI shall support shutdown to be completed within 30 minutes (TBR).
			S-DPS-60110	A	The SPRHW CI shall have a fault detection/fault isolation capability of major HWCI component failures without interfering with operations.
			S-DPS-60710	IR1	The electrical power requirements for SPRHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2)
			S-DPS-60740	IR1	The air conditioning requirements for the SPRHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DPS-60750	IR1	The grounding requirements for SPRHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DPS-60760	IR1	The fire alarm requirements for SPRHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DPS-60770	A	The acoustical requirements for SPRHW CI equipment shall be in accordance with ECS Facilities Plan (DID 302/DV2).
			S-DPS-60780	IR1	The physical interface requirements between SPRHW CI equipment and the facility shall be in accordance with ECS Facilities Plan (DID 302/DV2).

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DPS-60790	IR1	The footprint size and the physical layout of SPRHW CI equipment shall be in accordance with the and ECS Facilities Plan (DID 302/DV2).
			S-DPS-70740	IR1	The air conditioning requirements for the AITHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DPS-70750	IR1	The grounding requirements for AITHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DPS-70760	IR1	The fire alarm requirements for AITHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DPS-70770	A	The acoustical requirements for AITHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DPS-70780	IR1	The physical interface requirements between AITHW CI equipment and the facility shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DPS-70790	IR1	The footprint size and the physical layout of AITHW CI equipment shall be in accordance with the ECS Facilities Plan (DID 302/DV2).
			S-DPS-60060	A	The SPRHW CI product generation computer(s) shall have a Fail-Soft capability.
			S-DPS-60480	A	The SPRHW CI shall have provision for the AIT science processor to be a backup to the production science processor in the event of a failure.
			S-INS-60310	A	The ICLHW CI shall be capable of operating in a 24 hour per day, 7 days a week mode.
			S-PLS-60410	A	The PLNHW CI shall be capable of operating in a 24 hour per day, 7 days a week mode.
			S-DPS-20030	B	The PRONG CI shall be capable of operating in a 24-hour a day, 7-day week mode.
			S-DPS-60410	B	The SPRHW CI shall be capable of operating in a 24 hour per day, 7 days a week mode.
SDPS0130#A	The SDPS shall provide the capability for DAACs to exchange data products, browse data, metadata, data quality information, research results, and documentation.		S-DSS-04240	A	The SDSRV CI shall supply QA Statistics to the DDIST CI.
			S-DSS-04250	A	The SDSRV CI shall supply Metadata associated with QA Statistics to the DDIST CI.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DSS-04035	A	The SDSRV CI shall supply the Data Products listed in Appendix F of the current version of 304-CD-005 to the DDIST CI.
			S-DSS-04037	A	The SDSRV CI shall supply the Metadata associated with the Data Products listed in Appendix F of the current version of 304-CD-005 to the DDIST CI.
SDPS0130#B	The SDPS shall provide the capability for DAACs to exchange data products, browse data, metadata, data quality information, research results, and documentation.		S-DSS-04240	A	The SDSRV CI shall supply QA Statistics to the DDIST CI.
			S-DSS-04250	A	The SDSRV CI shall supply Metadata associated with QA Statistics to the DDIST CI.
			S-DSS-04035	A	The SDSRV CI shall supply the Data Products listed in Appendix F of the current version of 304-CD-005 to the DDIST CI.
			S-DSS-04037	A	The SDSRV CI shall supply the Metadata associated with the Data Products listed in Appendix F of the current version of 304-CD-005 to the DDIST CI.
SDPS0140#A	The SDPS shall support element, system, and subsystem test activities throughout the development phase.		S-PLS-00730	A	The PLANG CI shall have the capability to plan algorithm and calibration coefficient test time in the test environment.
			S-PLS-00740	A	The PLANG CI shall have the capability to schedule algorithm test Data Processing Requests that do not interfere with the operational production environment.
			S-PLS-01220	A	The PLANG CI shall have the capability to accept a request from the operations staff for scheduling algorithm and calibration coefficient test time in the test environment.
			S-PLS-61010	A	The PLNHW CI shall support test activities throughout the development phase.
			S-PLS-61020	A	The following testing shall be performed on the PLNHW CI: a. Unit testing b. Subsystem testing c. Integration & Testing d. End-to- End testing
			S-PLS-61080	A	The PLNHW CI shall be capable of supporting end-to-end test and verification activities of the EOS program including during the pre-launch, spacecraft verification, and instrument verification phases.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DPS-20100	A	The PRONG CI shall request information about the health and availability of a Hardware Resource by using a Systems Management Subsystem (MSS) provided Resource Management API (Application Program Interface).
			S-DPS-60490	A	The SPRHW CI shall be capable of supporting system development without impact to normal operations.
			S-DPS-60500	A	The SPRHW CI shall be capable of supporting science software test without impact to normal operations.
			S-DPS-60520	A	The SPRHW CI elements and components shall include the on-line (operational mode) and off-line (test mode) fault detection and isolation capabilities required to achieve the specified operational availability requirements.
			S-DPS-60910	IR1	The SPRHW CI shall support test activities throughout the development phase.
			S-DPS-60920	A	The following testing shall be performed on the SPRHW CI: a. Unit testing b. Subsystem testing c. Integration & Testing d. End-to- End testing
			S-DPS-60940	A	The SPRHW CI shall be capable of simultaneously supporting the Independent Verification & Validation (IV&V) activities and the ECS development activities, both before and after flight operations begin.
			S-DPS-60950	A	The SPRHW CI shall be capable of supporting end-to-end test and verification activities of the EOS program including during the pre-launch, spacecraft verification, and instrument verification phases.
			S-DPS-60960	A	The SPRHW CI shall support end-to-end EOS system testing and fault isolation.
			S-INS-60750	A	The ICLHW CI at the GSFC DAAC shall be sized to temporarily store ingest data to support early testing of the EDOS interface.
SDPS0140#B	The SDPS shall support element, system, and subsystem test activities throughout the development phase.		S-PLS-00730	A	The PLANG CI shall have the capability to plan algorithm and calibration coefficient test time in the test environment.
			S-PLS-01220	A	The PLANG CI shall have the capability to accept a request from the operations staff for scheduling algorithm and calibration coefficient test time in the test environment.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-PLS-61010	A	The PLNHW CI shall support test activities throughout the development phase.
			S-PLS-61020	A	The following testing shall be performed on the PLNHW CI: a. Unit testing b. Subsystem testing c. Integration & Testing d. End-to- End testing
			S-PLS-61080	A	The PLNHW CI shall be capable of supporting end-to-end test and verification activities of the EOS program including during the pre-launch, spacecraft verification, and instrument verification phases.
			S-DPS-60520	A	The SPRHW CI elements and components shall include the on-line (operational mode) and off-line (test mode) fault detection and isolation capabilities required to achieve the specified operational availability requirements.
			S-DPS-60910	IR1	The SPRHW CI shall support test activities throughout the development phase.
			S-DPS-60920	A	The following testing shall be performed on the SPRHW CI: a. Unit testing b. Subsystem testing c. Integration & Testing d. End-to- End testing
			S-DPS-60940	A	The SPRHW CI shall be capable of simultaneously supporting the Independent Verification & Validation (IV&V) activities and the ECS development activities, both before and after flight operations begin.
			S-DPS-60950	A	The SPRHW CI shall be capable of supporting end-to-end test and verification activities of the EOS program including during the pre-launch, spacecraft verification, and instrument verification phases.
			S-DPS-60960	A	The SPRHW CI shall support end-to-end EOS system testing and fault isolation.
SDPS0150#A	The SDPS shall assign priority and distribute expedited data and expedited data availability notices.	For TRMM only	S-DSS-00050	A	The SDSRV CI shall process each Service Request on the basis of Priority Information specified in the Service Request.
			S-DSS-00051	A	The SDSRV CI shall verify that each Service Request has valid Priority Information.
			S-DSS-00055	A	The SDSRV CI shall initiate the processing of Service Requests of equal priority in the order in which they are received.

SDPS RbR to L4 traceability

L3 RbR ID	L3 RbR Text	Interpretation	L4 ID	Rel	L4 Rqmt Text
			S-DSS-01460	A	The SDSRV CI shall accept Subscription Requests that specify an action to be taken and an event to initiate the action.
SDPS0150#B	The SPDS shall assign priority and distribute expedited data and expedited data availability notices.	For TRMM only	S-DSS-00050	A	The SDSRV CI shall process each Service Request on the basis of Priority Information specified in the Service Request.
			S-DSS-00051	A	The SDSRV CI shall verify that each Service Request has valid Priority Information.
			S-DSS-00055	A	The SDSRV CI shall initiate the processing of Service Requests of equal priority in the order in which they are received.
			S-DSS-01460	A	The SDSRV CI shall accept Subscription Requests that specify an action to be taken and an event to initiate the action.
SDPS0170#A	The SDPS shall accommodate growth in the instrument processing load and storage capacity without changes to the SDPS architecture or design.		S-DPS-60135	A	The SPRHW CI design and implementation shall have the flexibility to accommodate Science Processing expansion up to a factor of 3 in its capacity with no changes in its design and up to a factor of 10 without major changes to its design.
SDPS0170#B	The SDPS shall accommodate growth in the instrument processing load and storage capacity without changes to the SDPS architecture or design.		S-DPS-60135	A	The SPRHW CI design and implementation shall have the flexibility to accommodate Science Processing expansion up to a factor of 3 in its capacity with no changes in its design and up to a factor of 10 without major changes to its design.

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